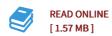




Today's Mathematics: Concepts, Methods, and Classroom Activities, 12th Edition (Book & CD-ROM)

By Heddens, James W.; Speer, William R.; Brahier, Daniel J.

Wiley, 2009. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Chapter 1 Learning Mathematics 1 Societal Needs 2 Calls for Change 3 National and International Achievement 3 The Identification of Standards 5 Principles and Standards for School Mathematics 6 Implementing the Process Standards 8 Describing A Contemporary Mathematics Program 10 Levels of Abstraction 11 Theoretical Foundations for a Contemporary Mathematics Program 12 Theory into Practice 17 Closure 18 Teaching Competencies and Self-Assessment Tasks 19Chapter 2 Teaching Mathematics 21 The NCTM Principles and Standards for School Mathematics 22 The NCTM Professional Teaching Standards: Mathematics Teaching Today 23 An Example of a Teaching Standard 25 Lesson Planning Processes and Purposes 29 Issues in Designing Mathematics Lessons 33 Mathematics Objectives 35 The Role of Motivation and Follow-Up 36 The Assessment of Learning and Teaching 37 Adjusting Instruction to Meet Individual Needs 38 Classroom Instructional Aids 39 Closure 40 Teaching Competencies and Self-Assessment Tasks 41Chapter 3 Assessing Mathematics 43 NCTM Assessment Standards for School Mathematics 44 An Example of an Assessment Standard 47 A Classroom Assessment Vignette 48 Purposes for Assessment 49 Assessment Strategies 51 Closure 58 Teaching Competencies and Self-Assessment Tasks 59Chapter 4 Technology in K-8 Mathematics...



Reviews

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